

# News Release

Phoenix Contact USA, Inc.  
586 Fulling Mill Road  
Middletown, PA 17057  
Phone: 717-944-1300, ext. 3721  
Email: [mmcgowan@phoenixcontact.com](mailto:mmcgowan@phoenixcontact.com)

**Molly McGowan, APR**  
Senior Media Services Specialist

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## **M12 right-angle PCB connectors for through-hole reflow Simplify pick-and-place automated assembly**

**Middletown, Pa.** – Phoenix Contact now offers right-angle M12 connectors for through-hole reflow (THR) soldering processes. Previously, angled M12 PCB connectors required manual assembly and additional drilling to accommodate the snap-hook design. The new connectors are compatible with pick-and-place for automated PCB assembly, making production more efficient.

The new angled form factor offers more placement options on the PCB, even in tight spaces. The optimized design shifts the center of gravity towards the PCB for a more stable connection. This design flexibility helps to keep manufacturing lines running efficiently.

The M12 connector is designed for voltages up to 250 V and currents up to 4 A. It is available in A and D codings and in four-, five-, and eight-position versions. The two-piece design is compatible with Phoenix Contact's existing M12 THR housings.

Learn more at <https://www.phoenixcontact.com/en-us/device-ports-for-thr-or-smt-soldering>.

### **About Phoenix Contact**

Phoenix Contact is a global market leader based in Germany. Since 1923, Phoenix Contact has created products to connect, distribute, and control power and data flows. Our products are found in nearly all industrial settings, but we have a strong focus on the energy, infrastructure, process, factory automation, and e-mobility markets. Sustainability and responsibility guide every action we take, and we're proud to work with our customers to empower a smart and sustainable world for future generations. Our global network spans 100+ countries. Phoenix Contact USA has headquarters near Harrisburg, Pa., and employs more than 1,100 people across the U.S.

For more information about Phoenix Contact or its products, visit [www.phoenixcontact.com](http://www.phoenixcontact.com), call technical service at 800-322-3225, or email [info@phoenixcontact.com](mailto:info@phoenixcontact.com).

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